

DIELECTRIC CERAMIC COMPOSITION, ELECTRONIC DEVICE AND  
PRODUCTION METHODS OF THE SAME

ABSTRACT

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A dielectric ceramic composition, comprising a main component including at least a dielectric oxide having a composition expressed by  $[(Ca_xSr_{1-x})O]_m[(Ti_yZr_{1-y-z}Hf_z)O_2]$ , a first subcomponent including a Mn oxide and/or an Al oxide and a glass component, wherein "m", "x", "y" and "z" indicating composition mole ratios in the formula included in the main component are in relationships of  $0.90 \leq m \leq 1.04$ , preferably  $1.005 \leq m \leq 1.025$ ,  $0.5 \leq x < 1$ , preferably  $0.6 \leq x \leq 0.9$ ,  $0.01 \leq y \leq 0.10$ , preferably  $0.02 \leq y \leq 0.07$  and  $0 < z \leq 0.20$ , preferably  $0 < z \leq 0.10$ .

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